

DECLARATION FOR UTILITY PATENT APPLICATION

AS BELOW-NAMED INVENTORS, WE HEREBY DECLARE THAT:

Our residences, post office addresses, and citizenship are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled: STRUCTURES FOR LUT-BASED ARITHMETIC IN PLDS, the specification of which is attached hereto.

WE HEREBY STATE THAT WE HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.

We acknowledge the duty to disclose information which is material to the patentability as defined in 37 C.F.R. § 1.56.

We hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Application No.	Country	Date of Filing	Priority Claimed?
			<input type="checkbox"/> Yes <input type="checkbox"/> No

We hereby claim benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Serial No.	Filing Date

We hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, we acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

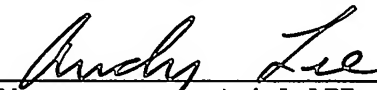
Application Serial No.	Filing Date	Status
		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned


We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

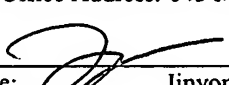
Date _____ Name: Ketan PADALIA
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Date _____ Name: David CASHMAN
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Date _____ Name: David LEWIS
Residence: 188 Howland Avenue, Toronto, Ontario, Canada M5R 3B6
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11/19/03 
Date _____ Name: Andy L. LEE
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11/14/03 
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Date _____ Name: Jinyong YUAN
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Date 11/20/03

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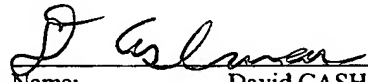
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Nov. 14/03 
Date Name: Ketan PADALIA
Residence: 5 Kimbergate Way, Thornhill, Ontario, Canada L4J 6R6
Citizenship: Canada
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Nov. 20/03 
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Post Office Address: 4165 Renaissance Drive, Unit 6, San Jose, California 95134

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: K. tan PADALIA et al.

Application No./Patent No.: Not Yet Assigned

Filed/Issue Date: Concurrently Herewith

Entitled: STRUCTURES FOR LUT-BASED ARITHMETIC IN PLDS

Altera Corporation
(Name of Assignee)

, a corporation
(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or

2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

11/21/03
Date

Telephone Number

Derek Minihaue

Typed or printed name

Derek Minihaue
Signature

Director, Intellectual Property Law

Title

Docket No.: 306812006400
Client Ref.: A1103
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Ketan PADALIA et al.

Application No.: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Filed: Concurrently Herewith

Art Unit: Not Yet Assigned

For: STRUCTURES FOR LUT-BASED
ARITHMETIC IN PLDS

Examiner: Not Yet Assigned

POWER OF ATTORNEY

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Altera Corporation, assignee of the entire right title and interest in the above-identified application, hereby appoints the following attorneys and/or agents of the firm of Morrison & Foerster LLP:

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Mehran Arjomand (Reg No. 48,231)
Vincent J. Belusko (Reg No. 30,820)
Kimberly A. Bolin (Reg No. 44,546)
Nicholas Buffinger (Reg No. 39,124)
Peng Chen (Reg No. 43,543)
Thomas E. Ciotti (Reg No. 21,013)
Matthew M. D'Amore (Reg No. 42,457)
Peter Davis (Reg No. 36,119)
Scott W. Doyle (Reg. No. 39,176)
Christopher B. Eide (Reg No 48,375)
David L. Fehrman (Reg No. 28,600)

Randolph Ted Apple (Reg No. 36,429)
Shantanu Basu (Reg No. 43,318)
Jonathan Bockman (Reg No. 45,640)
Barry E. Bretschneider (Reg No. 28,055)
Robert K. Cerpa (Reg No. 39,933)
Alex Chartove (Reg No. 31,942)
Cara M. Coburn (Reg No. 46,631)
Raj S. Davé (Reg No. 42,465)
David Devernore (Reg No. 50,128)
Stephen C. Durant (Reg No. 31,506)
Carolyn A. Favorito (Reg No. 39,183)
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Bruce D. Grant (Reg No. 47,608)	Carol M. Gruppi (Reg No. 37,341)
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Alan S. Hodes (Reg No. 38,185)	Charles D. Holland (Reg No. 35,196)
Arthur S. Hsieh (Reg No. 48,247)	Jill A. Jacobson (Reg No. 40,030)
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Philip Reilly (Reg No. 41,415)	James Remenick (Reg No. 36,902)
Julia R. Rosenthal (Reg No. 54,410)	Robert Saltzberg (Reg No. 36,910)
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Bryan H. Wyman (Reg No. 48,049)	David T. Yang (Reg No. 44,415)
Peter J. Yim (Reg No. 44,417)	Karen R. Zachow (Reg No. 46,332)
Jie Zhou (Reg No. 52,395)	

as its attorneys with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith. The Assignee also hereby appoints:

Derek E. Minihane (Reg. No. 39,774)

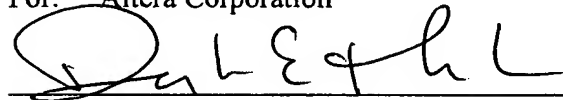
of Altera Corporation 101 Innovation Drive, San Jose, California 95134, to prosecute this application and transact all matters in the United States Patent and Trademark Office connected therewith,

The assignee certifies that it has reviewed the assignment and to the best of the assignee's knowledge and belief, title is in the assignee.

Please direct all correspondence regarding this application to the following:

MORRISON & FOERSTER LLP
Attn: Alan S. Hodes
755 Page Mill Road
Palo Alto, California 94304
Telephone: (650) 813-5600
Fax: (650) 494-0792

For: Altera Corporation



Derek Minihaue,
Director, Intellectual Property Law

Dated:

11/21/03